SAF-RC-084 **RCBRA-Inter-Areas Shoreline Assessment – Pore & Surface Water Sampling** FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Jackie Queen H4-22

KW 10/9/07 Initials/Date

COMMENTS:

SDG EAS020607 SAF-RC-084

Rad only

X Chem only Rad & Chem

X Complete

Partial

WASTE SITE: RCBRA 2i Aq, SURFACE WATER RCBRA 2j Aq, SURFACE WATER



SDF: EAS 2-6-07



Report of Analysis

For: Environmental Assessment Services

Attn:

Brett Tiller

Project Manager:



Client Sample ID: J13VK1

Site:

Lab Sample ID: 0

07487-03

Collection Date: 2/5/2007

3:00 PM

Detection Limit Analysis Date Method **Analyte** Sample Result SM 3500-Cr 3 µg/L 2/6/2007 $< 3 \mu g/L$ Chromium, hexavalent Lab Sample ID: 07487-05 Client Sample ID: J13VH7 **Collection Date:** 2/6/2007 12:30 PM Site:

Analyte Sample Result Method Detection Limit Analysis Date Chromium, hexavalent < 3 µg/L SM 3500-Cr 3 µg/L 2/6/2007

NA = not analyzed

506: EAS 2-6-62

Date: 2/6/2007 Time: 10:14:03

Concentration Results

Date: 2/6/07 Time: 10:12:13 AM

Instrument: Perkin-Elmer Lambda 2 Serial No: 5939

Method: HEXCHROM

Ordinate mode: Single wavelength Slit: UV/VIS: 2.00 nm

(0.00 0.00) Baseline: No correction

Result Filename: HC020607.RC0

Autozero performed: 2/6/07 10:09:35 AM

Analyst:

Wavelength(s)		Sample ID	Ordinate	Factor	Concent	ration	Sample Info
540.0 540.0 540.0 540.0	0.0 0.0 0.0	SSK1 RK1	0.0892 0.0041	1.0000 1.0000	102.21 1.6598	ug/L ug/L 1017. ug/L 1017. ug/L	
540.0	0.0	S. History	0.0050	1.0000	2.6871	ug/L	

506: EAS 2-6-07

Date: 2/6/2007 Time: 15:31:11

Concentration Results

Date: 2/6/07 Time: 3:30:57 PM

Instrument: Perkin-Elmer Lambda 2 Serial No: 5939

Method: HEXCHROM

Ordinate mode: Single Wavelength

Slit: UV/VIS: 2.00 nm Baseline: No correction

0.00 0.00)

Result Filename: HC020607.RC0

Autozero performed: 2/6/07 3:30:28 PM

Analyst:

Wavelengt	h(s)	Sample ID	Ordinate	Factor	Concentration	Sample Info
540.0	0.0	JISVHT	0.0051	1.0000	2.8169 ug/L	

\$DG-EAS 2-6-09

Date: 2/6/2007 Time: 10:11:52

CALIBRATION

Date: 2/6/07 Time: 10:09:35 AM

Method: HEXCHROM

Ordinate mode: Single wavelength

Baseline: No correction (0.00 0.00)

Analyst:

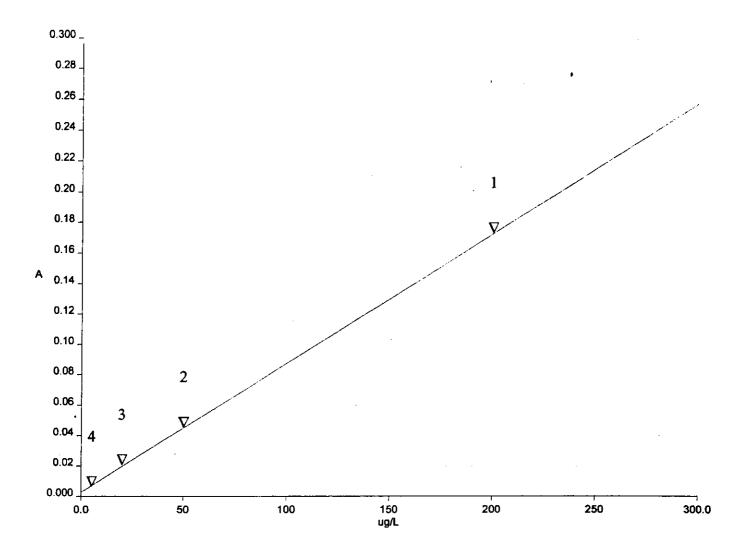
Wavelength(s)		Sample ID	Concentration	Ord. value Comment
540.0	0.0	A.A01	200.00 ug/L	0.1720 200 ug/L std
540.0	0.0	B.A02	50.000 ug/L	0.0451 50 ug/L std
540.0	0.0	C.A03	20.000 ug/L	0.0205 20 ug/L std
540.0	0.0	D.A04	5.0000 ug/L	0.0060 5 ug/L std

Equation: y = 2.674278e-03 + 8.469196e-04 * x

Residual error: 0.000881

Correlation coefficient: 0.999955

Calibration Curve



Spectrum Name: HEXCHROM

Description: y = 2.674278e-03 + 8.469196e-04 * x

Comments: RE = 8.805008e-04, CC = 9.999550e-01

Date Created: Tue Feb 06 10:11:49 2007

B TILLER JAMES BERNHARD CORN ASSNER 375-4688 Price Code Mair Quality 45 Days Price Code Air Quality 45 Days Price Code Air Quality 45 Days RCBR A Lear-Avau Shortline Assnerment - Fore A Surface RCBR A Lear-Avau Shortline Assnerment - Fore A Surface RCBR A Lear-Avau Shortline Assnerment - Fore A Surface RCBR A Lear-Avau Shortline Assnerment - Fore A Surface RCBR A Lear-Avau Shortline Assnerment - Fore A Surface RCBR A Lear-Avau Shortline Assnerment - Fore A Surface RCBR A Lear-Avau Shortline RCBR A Lear-Avau Shortl	Washington Closure Hanford			CHAIN OF CUSTODY/SAMPLE ANALYSIS							RF	OUEST	r	R(C-084-46	Page 1	of }
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